

CLAIM AMENDMENTS

The following is a complete list of claims. The claims below replace all prior versions of the claims in the application. Please amend claims 1, 18, 19, 32 – 35 and 40 – 43.

1. (Currently Amended) A vessel, comprising:

a multi-mode hull operable to allow the vessel to move through water function in at least two of the following operational modes: a logistics mode in which the vessel's draft is nine feet or less, a catamaran mode in which the vessel's draft is deeper than nine feet and less than or equal to twelve feet, a SWATH mode in which the vessel's draft is deeper than twelve feet and less than or equal to twenty feet, and a low freeboard mode in which the vessel's draft is deeper than twenty feet;

a frame; and

a bay disposed in the frame and operable to receive a mission module operable to provide mission-specific functionality to the vessel while disposed in the bay.

2. (Original) The vessel of claim 1, further comprising an interface operable to be coupled between the frame and the mission module.
3. (Original) The vessel of claim 2 wherein the interface is operable to facilitate the exchange of fuel between the frame and the module.
4. (Original) The vessel of claim 2 wherein the interface is operable to facilitate the exchange of water between the frame and the module.
5. (Original) The vessel of claim 2 wherein the interface is operable to facilitate the exchange of personnel between the frame and the module.
6. (Original) The vessel of claim 2 wherein the interface is operable to facilitate the exchange of electrical power between the frame and the module.

7. (Original) The vessel of claim 2 wherein the interface is operable to facilitate transmission of electronic communication signals between the frame and the mission module.
8. (Previously Presented) The vessel of claim 1 wherein the multi-mode hull comprises a foil-assisted twin hull.
9. – 17. Canceled
18. (Currently Amended) A vessel, comprising:
 - a multi-mode hull operable to allow the vessel to move through water function in at least two of the following operational modes: a logistics mode in which the vessel's draft is nine feet or less, a catamaran mode in which the vessel's draft is deeper than nine feet and less than or equal to twelve feet, a SWATH mode in which the vessel's draft is deeper than twelve feet and less than or equal to twenty feet, and a low freeboard mode in which the vessel's draft is deeper than twenty feet;
 - a bay operable to receive a mission module; and
 - an interface operable to facilitate the coupling of the mission module to the vessel, the module operable to provide mission-specific functionality to the vessel while disposed in the bay.
19. (Currently Amended) A vessel system, comprising
 - a vessel having a multi-mode hull operable to allow the vessel to move through water function in at least two of the following operational modes: a logistics mode in which the vessel's draft is nine feet or less, a catamaran mode in which the vessel's draft is deeper than nine feet and less than or equal to twelve feet, a SWATH mode in which the vessel's draft is deeper than twelve feet and less than or equal to twenty feet, and a low freeboard mode in which the vessel's draft is deeper than twenty feet;
 - a bay disposed in the vessel; and

a mission module disposed in the bay and operable to provide mission-specific functionality to the vessel while disposed in the bay.

20. (Previously Presented) The system of claim 19 wherein the mission module is configured to perform anti-mine warfare.
21. (Previously Presented) The system of claim 19 wherein the mission module is configured to perform littoral anti-submarine warfare.
22. (Previously Presented) The system of claim 19 wherein the mission module is configured to perform special operation support.
23. (Previously Presented) The system of claim 19 wherein the mission module is configured to perform logistics support.
24. (Previously Presented) The system of claim 19 wherein the mission module is configured to perform a maritime intercept function.
25. (Previously Presented) The system of claim 19 wherein the mission module is configured to perform an intelligence/surveillance/reconnaissance function.
26. Canceled
27. Canceled
28. (Original) The system of claim 19 wherein the vessel comprises a sailing ship.
29. Canceled
30. Canceled
31. (Previously Presented) The vessel of claim 1 wherein the multi-mode hull includes the frame.
32. (Currently Amended) The vessel of claim 1 wherein the multi-mode hull is the operational to allow the vessel to move through water in the ~~modes include a~~ logistics mode.
33. (Currently Amended) The vessel of claim 1 wherein the multi-mode hull is operational to allow the vessel to move through water in the ~~modes include a~~ catamaran mode.

34. (Currently Amended) The vessel of claim 1 wherein the multi-mode hull is operational to allow the vessel to move through water in the ~~modes include a~~ SWATH mode.
35. (Currently Amended) The vessel of claim 1 wherein the multi-mode hull is operational to allow the vessel to move through water in the ~~modes include a low~~ freeboard mode.
36. (Previously Presented) The vessel of claim 1 wherein the multi-mode hull includes a twin hull.
37. (Previously Presented) The vessel of claim 1 wherein the multi-mode hull includes a monohull.
38. (Previously Presented) The vessel of claim 18 wherein the multi-mode hull includes a twin hull.
39. (Previously Presented) The vessel of claim 18 wherein the multi-mode hull includes a monohull.
40. (Currently Amended) The vessel of claim 18 wherein the multi-mode hull is operational to allow the vessel to move through water in the ~~modes include a~~ logistics mode.
41. (Currently Amended) The vessel of claim 18 wherein the multi-mode hull is operational to allow the vessel to move through the water in the ~~modes include a~~ catamaran mode.
42. (Currently Amended) The vessel of claim 18 wherein the multi-mode hull is operational to allow the vessel to move through the water in the ~~modes include a~~ SWATH mode.
43. (Currently Amended) The vessel of claim 18 wherein the multi-mode hull is operational to allow the vessel to move through the water in the ~~modes include a~~ low freeboard mode.